

APPROX. 12,500 SF PAVEMENT REMOVAL AND APPROX. 10,500 SF DUNE RESTORATION

APPROX. 127 LF ARTICULATED CONCRETE BLOCK PATH WITH SEASONAL, REMOVABLE BOARDWALK

BIKE RACK

ENCLOSURE WITH HANDICAP ACCESSIBLE PORTA-POTTY AND TRASH RECEPTACLES

RELOCATE CURB STOPS

RESTRIPE PARKING SPACES

BEACH PLUM AND BOULDER TYP.

PROPOSED BIORETENTION AREA (APPROX. 340 SF)

FLOOD ZONE AE DEFINED BY EL. 13'

100' WETLAND BUFFER

50' WETLAND BUFFER

31 SPACES

5' WALKWAY

10% SLOPE

PROPOSED BIORETENTION AREA (APPROX. 330 SF)

BOULDER RETAINING WALL

VEGETATED SWALE 3:1 (H:V) SLOPE TYP. 2:1 (H:V) SLOPE MAX.

BREAKWATER ROAD

3% SLOPE

26 SPACES

100' WETLAND BUFFER

50' WETLAND BUFFER

PATH TO PARK WITH 5% SLOPE

RELOCATE PICNIC TABLE

BRASS COMMEMORATIVE PLAQUE MOUNTED ON 2' RADIUS BOULDER

NOTES:

- SEE BIORETENTION NOTES AND SPECIFICATIONS FOR ALL MATERIAL SPECIFICATIONS.
- CONTRACTOR RESPONSIBLE FOR SLOPE STABILIZATION AND SAFETY MEASURES DURING CONSTRUCTION. SIDE SLOPES TO BE 3:1 MAXIMUM SLOPE.
- LOAM AND SEED SIDE SLOPES PER SPECIFICATIONS. USE BIONET S150BN BIODEGRADABLE EROSION CONTROL BLANKET OR APPROVED EQUIVALENT TO STABILIZE ALL SIDE SLOPES. THE REMAINING DISTURBED AREA SHALL BE LOAM & SEED OR LANDSCAPED PER PLANTING PLAN.

OUTLET STRUCTURE TYPE VARIES - SEE PLANS

EROSION CONTROL BLANKET SEE NOTE (3)

OUTLET PIPE

9" PONDING DEPTH (MAX)

30" PLANTING SOIL SEE SPECIFICATION NO.

8" STONE

FILTER FABRIC MIRAFI 140N OR APPROVED EQUAL

TYPICAL BIORETENTION

NOT TO SCALE

EXAMPLE BIORETENTION FACILITY AT SANDY NECK PARKING LOT WEST BARNSTABLE, MA

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Diagram illustrating the cross-section of a concrete curb and gutter system. The diagram shows the curb, gutter, and the armorflex concrete mattress. Labels include:

- 4,000 PSI CONCRETE, GROUT, OR OTHER
- ARMORFLEX CONCRETE MATTRESS
- APPROVED SUBGRADE
- SITE SPECIFIC GEOTEXTILE (TURN ENDS UP)

GRAPHIC SCALE

(in feet)

1 INCH = 50 FEET

Survey & Preliminary Layout Provided By: Horsley Witten Group 90 Route 6A Sandwich, MA 02563 Phone: (508) 833-6600 Fax: (508) 833-3150	Prepared For: Town of Brewster 2198 Main St (Route 6A) Brewster, MA 02631 Phone: (508) 896-3701	Plain Title:	BREAKWATER LANDING BEACH RESTORATION BREWSTER, MA 30% DESIGN PLAN	 Horsley Witten Group, Inc. <i>Sustainable Environmental Solutions</i> www.horsleywitten.com 100 Route 1 Southwick, MA 02563 508-833-6600 voice 508-833-3150 fax	Revisions			
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